Title (en)
DEVICE AND METHOD FOR SERVICE DIFFERENTIATION IN A COMMUNICATION NETWORK

Title (de)
EINRICHTUNG UND VERFAHREN ZUR DIENSTDIFFERENZIERUNG IN EINEM KOMMUNIKATIONSNETZ

Title (fr)
DISPOSITIF ET PROCEDE DE DIFFERENCIATION DES SERVICES DANS UN RESEAU DE COMMUNICATION

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Application
EP 01934778 A 20010518

Priority
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• SE 0001956 A 20000525

Abstract (en)
[origin: WO0191406A1] Device for service differentiation in a communication network, which device includes a classification device arranged to divide data packets of different services into different flows. For each flow the device includes a metering device arranged to meter data transmission speed in respective flow, and for each metering device there further is an action device, arranged to execute actions depending the belonging metering device. A queuing device is arranged to queue packets from said different action devices for transmission. The invention is characterized in that a first metering device, out of said metering devices, calculates the sum of metered data transmission speed of all flows connected to the classification device. Said services include a frame service with predetermined bandwidth, and within this frame service said first service and a second service, at which the second service is guaranteed a given bandwidth and said first service is arranged to allocate available bandwidth within the frame service. The action device of the first service is arranged to execute actions on the flow belonging to the first service, for instance throw away data packets, depending on the sum of metered data transmission speed for all flows.

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